BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Filling of Pot Holes in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division. (Balance Portion).

							Estimate Cost Rs.		1000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 **Page No. 158 / Item No. 20.18, PWD SR 2016-17**	Cum							
	Road Cut Portion and Depression Filling								
	KNV 1st Stage		3	3.35	2.25	0.15	3.39		
			4	4.65	3.25	0.15	9.07		
			1	4.50	2.75	0.15	1.86		
			5	1.15	1.65	0.15	1.42		
	Road Cutting		1	6.15	0.45	0.15	0.42		
			3	6.65	0.45	0.15	1.35		
			5	5.75	0.85	0.15	3.67		
	Nanjappa Layout		3	2.75	4.45	0.15	5.51		
			3	1.75	1.65	0.15	1.30		
			1	3.85	2.75	0.15	1.59		
			6	1.85	0.45	0.15	0.75		
			3	2.75	1.65	0.15	2.04		
	Road Cutting		4	5.55	0.45	0.15	1.50		
			5	5.60	0.60	0.15	2.52		
			6	6.60	0.75	0.15	4.46		
	1st Main Road		1	6.50	2.75	0.15	2.68		
			3	2.25	1.75	0.15	1.77		
			1	1.75	1.65	0.15	0.43		
			4	1.85	2.85	0.15	3.16		
			3	1.65	1.75	0.15	1.30		
	Road Cutting		1	5.50	0.45	0.15	0.37		
			3	6.00	0.65	0.15	1.76		
	Muneshwara Layout		5	1.15	2.10	0.15	1.81		
			2	2.10	0.90	0.15	0.57		
			1	3.15	2.10	0.15	0.99		
	Road Cutting		5	5.10	0.65	0.15	2.49		
			3	5.30	0.50	0.15	1.19		
	2nd Cross		3	0.90	1.10	0.15	0.45		
			5	1.15	1.30	0.15	1.12		
			3	2.50	0.90	0.15	1.01		
	Road Cutting		4	5.10	0.90	0.15	2.75		
			3	5.20	0.95	0.15	2.22		
			2	5.30	0.45	0.15	0.72		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			5	5.30	0.35	0.15	1.39		
	Venugpoalswamy Temple Road		1	5.30	0.45	0.15	0.36		
	Road Cutting		1	5.45	0.60	0.15	0.49		
			1	3.45	2.65	0.15	1.37		
			1	3.60	2.65	0.15	1.43		
			3	3.75	2.80	0.15	4.73		
			5	4.40	0.85	0.15	2.81		
			2	3.50	4.40	0.15	4.62		
			1	7.50	0.45	0.15	0.51		
	Ramachandrapura Main Road		3	1.10	1.75	0.15	0.87		
			1	2.05	2.15	0.15	0.66		
			4	1.65	1.75	0.15	1.73		
			3	1.75	1.45	0.15	1.14		
			1	1.85	1.90	0.15	0.53		
			4	1.60	1.90	0.15	1.82		
	Road Cutting		4	8.00	0.45	0.15	2.16		
			1	8.00	0.90	0.15	1.08		
			3	8.00	0.60	0.15	2.16		
			3	8.00	0.65	0.15	2.34		
			1	8.00	0.60	0.15	0.72		
			1	8.00	0.45	0.15	0.54		
	Kallappa Layout		1	1.60	1.80	0.15	0.43		
			2	1.80	2.60	0.15	1.40		
			4	1.90	2.05	0.15	2.34		
			3	1.90	1.40	0.15	1.20		
			2	1.60	1.70	0.15	0.82		
	Road Cutting		1	6.00	0.45	0.15	0.41		
			1	6.00	0.90	0.15	0.81		
			3	6.00	0.75	0.15	2.03		
			2	6.00	0.45	0.15	0.81		
			3	6.50	0.70	0.15	2.05		
			3	6.60	0.45	0.15	1.34		
			2	6.80	0.90	0.15	1.84		
	Doddabommasandra 4th Block		1	1.50	1.70	0.15	0.38		
			3	1.65	1.80	0.15	1.34		
			4	1.10	1.50	0.15	0.99		
			3	1.60	0.80	0.15	0.58		
			1	1.70	1.10	0.15	0.28		
	Road Cutting		1	4.75	0.90	0.15	0.64		
			3	4.70	0.90	0.15	1.90		
			3	5.10	0.45	0.15	1.03		
			4	5.15	0.90	0.15	2.78		
	Muniswamappa Layout		1	0.90	1.10	0.15	0.15		
			3	1.10	1.20	0.15	0.59		
			3	1.70	1.15	0.15	0.88		
			1	4.70	0.90	0.15	0.63		
	Road Cutting		3	4.70	0.90	0.15	1.90		
			3	5.10	0.45	0.15	1.03		
			4	5.10	0.90	0.15	2.75		
	Patel Pillegowda Layout		1	4.70	1.10	0.15	0.78		
			3	1.95	2.10	0.15	1.84		
			4	1.65	1.70	0.15	1.68		
			1	1.90	1.20	0.15	0.34		
			3	1.60	1.90	0.15	1.37		
			1	1.75	2.60	0.15	0.68		
			4	1.60	1.90	0.15	1.82		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Road Cutting		3	6.70	0.60	0.15	1.81		
			4	6.00	0.90	0.15	3.24		
			1	6.70	0.70	0.15	0.70		
			4	7.00	0.45	0.15	1.89		
	Nanjappa Layout		1	6.60	0.75	0.15	0.74		
			1	6.70	0.50	0.15	0.50		
			2	0.70	0.40	0.15	0.08		
			2	1.10	1.60	0.15	0.53		
	Road Cutting		1	12.00	0.65	0.15	1.17		
			1	12.00	0.45	0.15	0.81		
			2	12.00	0.65	0.15	2.34		
	KNE College Road		1	1.85	1.90	0.15	0.53		
			3	2.60	2.00	0.15	2.34		
			4	2.80	6.00	0.15	10.08		
			5	1.10	1.00	0.15	0.83		
			3	1.00	2.00	0.15	0.90		
			5	1.60	1.80	0.15	2.16		
			6	1.70	1.90	0.15	2.91		
	Road Cutting		2	6.50	0.90	0.15	1.76		
			2	6.50	0.95	0.15	1.85		
			3	6.50	0.90	0.15	2.63		
			2	7.00	0.90	0.15	1.89		
			1	9.00	0.90	0.15	1.22		
	Near Apoorva Apartment		3	1.90	2.00	0.15	1.71		
			4	1.90	2.70	0.15	3.08		
			3	1.60	2.95	0.15	2.12		
			4	3.00	1.90	0.15	3.42		
			3	1.90	2.70	0.15	2.31		
			3	1.60	1.70	0.15	1.22		
			4	1.80	1.70	0.15	1.84		
	Road Cutting		3	5.50	0.90	0.15	2.23		
			4	5.60	0.95	0.15	3.19		
			3	5.80	0.90	0.15	2.35		
			1	9.50	0.90	0.15	1.28		
			3	7.50	0.90	0.15	3.04		
			1	9.00	0.95	0.15	1.28		
			3	1.70	1.90	0.15	1.45		
	near Raghavendra Swamy Mutta Road		4	1.90	2.00	0.15	2.28		
			2	1.90	2.70	0.15	1.54		
			1	2.70	3.00	0.15	1.22		
			2	6.50	0.95	0.15	1.85		
	Road Cutting		2	7.90	0.95	0.15	2.25		
			1	8.00	0.95	0.15	1.14		
			3	7.60	0.90	0.15	3.08		
			1	7.60	0.90	0.15	1.03		
			1	7.20	0.95	0.15	1.03		
			2	7.60	0.80	0.15	1.82		
	Pot Holes		1	2.70	1.80	0.15	0.73		
			2	1.90	0.90	0.15	0.51		
			1	2.70	1.10	0.15	0.45		
			2	1.00	3.00	0.15	0.90		
	Kateramma Temple		1	1.70	2.50	0.15	0.64		
			2	1.80	3.00	0.15	1.62		
			1	6.00	1.20	0.15	1.08		
			2	2.25	1.35	0.15	0.91		
			3	3.20	1.80	0.15	2.59		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	4.50	2.50	0.15	1.69		
			2	3.90	1.20	0.15	1.40		
			1	3.20	1.20	0.15	0.58		
			1	4.10	1.90	0.15	1.17		
	Basic Rate	1668.00					**247.84**	1768.08	**438205.00**
	Area Weightage @ 6%	100.08							
	Total	**1768.08**							
2	KSRRB 3000 Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40 mm KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.3, filling back the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications MORTH Specification No. 3004.2 **Page No. 257 / Item No. 35.5, PWD SR 2016-17**	Sqm							
	KNV 1st Stage		3	3.35	2.25		22.61		
			4	4.65	3.25		60.45		
			1	4.50	2.75		12.38		
			5	1.15	1.65		9.49		
	Road Cutting		1	6.15	0.45		2.77		
			3	6.65	0.45		8.98		
			5	5.75	0.85		24.44		
	Nanjappa Layout		3	2.75	4.45		36.71		
			3	1.75	1.65		8.66		
			1	3.85	2.75		10.59		
			6	1.85	0.45		5.00		
			3	2.75	1.65		13.61		
	Road Cutting		4	5.55	0.45		9.99		
			5	5.60	0.60		16.80		
			6	6.60	0.75		29.70		
	1st Main Road		1	6.50	2.75		17.88		
			3	2.25	1.75		11.81		
			1	1.75	1.65		2.89		
			4	1.85	2.85		21.09		
			3	1.65	1.75		8.66		
	Road Cutting		1	5.50	0.45		2.48		
			3	6.00	0.65		11.70		
	Muneshwara Layout		5	1.15	2.10		12.08		
			2	2.10	0.90		3.78		
			1	3.15	2.10		6.62		
	Road Cutting		5	5.10	0.65		16.58		
			3	5.30	0.50		7.95		
	2nd Cross		3	0.90	1.10		2.97		
			5	1.15	1.30		7.48		
			3	2.50	0.90		6.75		
	Road Cutting		4	5.10	0.90		18.36		
			3	5.20	0.95		14.82		
			2	5.30	0.45		4.77		
			5	5.30	0.35		9.28		
	Venugpoalswamy Temple Road		1	5.30	0.45		2.39		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Road Cutting		1	5.45	0.60		3.27		
			1	3.45	2.65		9.14		
			1	3.60	2.65		9.54		
			3	3.75	2.80		31.50		
			5	4.40	0.85		18.70		
			2	3.50	4.40		30.80		
			1	7.50	0.45		3.38		
	Ramachandrapura Main Road		3	1.10	1.75		5.78		
			1	2.05	2.15		4.41		
			4	1.65	1.75		11.55		
			3	1.75	1.45		7.61		
			1	1.85	1.90		3.52		
			4	1.60	1.90		12.16		
	Road Cutting		4	8.00	0.45		14.40		
			1	8.00	0.90		7.20		
			3	8.00	0.60		14.40		
			3	8.00	0.65		15.60		
			1	8.00	0.60		4.80		
			1	8.00	0.45		3.60		
	Kallappa Layout		1	1.60	1.80		2.88		
			2	1.80	2.60		9.36		
			4	1.90	2.05		15.58		
			3	1.90	1.40		7.98		
			2	1.60	1.70		5.44		
	Road Cutting		1	6.00	0.45		2.70		
			1	6.00	0.90		5.40		
			3	6.00	0.75		13.50		
			2	6.00	0.45		5.40		
			3	6.50	0.70		13.65		
			3	6.60	0.45		8.91		
			2	6.80	0.90		12.24		
	Doddabommasandra 4th Block		1	1.50	1.70		2.55		
			3	1.65	1.80		8.91		
			4	1.10	1.50		6.60		
			3	1.60	0.80		3.84		
			1	1.70	1.10		1.87		
	Road Cutting		1	4.75	0.90		4.28		
			3	4.70	0.90		12.69		
			3	5.10	0.45		6.89		
			4	5.15	0.90		18.54		
	Muniswamappa Layout		1	0.90	1.10		0.99		
			3	1.10	1.20		3.96		
			3	1.70	1.15		5.87		
			1	4.70	0.90		4.23		
	Road Cutting		3	4.70	0.90		12.69		
			3	5.10	0.45		6.89		
			4	5.10	0.90		18.36		
	Patel Pillegowda Layout		1	4.70	1.10		5.17		
			3	1.95	2.10		12.29		
			4	1.65	1.70		11.22		
			1	1.90	1.20		2.28		
			3	1.60	1.90		9.12		
			1	1.75	2.60		4.55		
			4	1.60	1.90		12.16		
	Road Cutting		3	6.70	0.60		12.06		
			4	6.00	0.90		21.60		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	6.70	0.70		4.69		
			4	7.00	0.45		12.60		
	Nanjappa Layout		1	6.60	0.75		4.95		
			1	6.70	0.50		3.35		
			2	0.70	0.40		0.56		
			2	1.10	1.60		3.52		
	Road Cutting		1	12.00	0.65		7.80		
			1	12.00	0.45		5.40		
			2	12.00	0.65		15.60		
	KNE College Road		1	1.85	1.90		3.52		
			3	2.60	2.00		15.60		
			4	2.80	6.00		67.20		
			5	1.10	1.00		5.50		
			3	1.00	2.00		6.00		
			5	1.60	1.80		14.40		
			6	1.70	1.90		19.38		
	Road Cutting		2	6.50	0.90		11.70		
			2	6.50	0.95		12.35		
			3	6.50	0.90		17.55		
			2	7.00	0.90		12.60		
			1	9.00	0.90		8.10		
	Near Apoorva Apartment		3	1.90	2.00		11.40		
			4	1.90	2.70		20.52		
			3	1.60	2.95		14.16		
			4	3.00	1.90		22.80		
			3	1.90	2.70		15.39		
			3	1.60	1.70		8.16		
			4	1.80	1.70		12.24		
	Road Cutting		3	5.50	0.90		14.85		
			4	5.60	0.95		21.28		
			3	5.80	0.90		15.66		
			1	9.50	0.90		8.55		
			3	7.50	0.90		20.25		
			1	9.00	0.95		8.55		
			3	1.70	1.90		9.69		
	near Raghavendra Swamy Mutta Road		4	1.90	2.00		15.20		
			2	1.90	2.70		10.26		
			1	2.70	3.00		8.10		
			2	6.50	0.95		12.35		
	Road Cutting		2	7.90	0.95		15.01		
			1	8.00	0.95		7.60		
			3	7.60	0.90		20.52		
			1	7.60	0.90		6.84		
			1	7.20	0.95		6.84		
			2	7.60	0.80		12.16		
	Pot Holes		1	2.70	1.80		4.86		
			6	1.90	0.90		10.26		
			5	2.70	1.10		14.85		
			4	1.00	3.00		12.00		
	Kateramma Temple		1	1.70	2.50		4.25		
			2	1.80	3.00		10.80		
			1	6.00	1.20		7.20		
			2	2.25	1.35		6.08		
			3	3.20	1.80		17.28		
			1	4.50	2.50		11.25		
			2	3.90	1.20		9.36		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	3.20	1.20		3.84		
			1	4.10	1.90		7.79		
							1677.00	328.60	**551063.00**
	Revised Basic Rate	310.00							
	Area Weightage @ 6%	18.60							
	Total	**328.60**							
	Total								**989268.00**
	Thirty Party Inspection Charges @ 1%								**9893.00**
	Miscellaneous and unforeseen charges								**839.00**
								Total	**1000000.00**

Rupees Ten Lakh(s) Only

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2016-17.
3 This work included under 2016-17 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

30/06
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
30/06

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of A/c. P-1771
Div. Ref. No. 14/17-18 Date. 11/07/17
AE
EE(BTP) 11/07